



FD-2655

B.Sc. (Part-I) Examination, 2022

COMPUTER SCIENCE

Paper - I

Computer Fundamentals

Time : Three Hours]

[*Maximum Marks* : 50

Note : Answer **all** questions. All questions carry equal marks.

Unit-I

1. Define hardware, software and firmware and describe all major components of Digital computer.

OR

Write the features and limitations of Digital and Analog Computers.

(2)

Unit-II

2. Write the functions of CPU, ALU and Control Unit.

OR

Write short notes on the following :

- (a) Timing diagram
(b) Instruction flow and data flow

Unit-III

3. Explain destructive and non-destructive readout.

OR

Write short note on Memory Management Unit PCMCTA Cards.

Unit-IV

4. Explain any two input and two output devices in brief.

OR

Explain various types of port in brief.

Unit-V

5. What is Open Source Software ? Explain any two types of Open Source Software.

OR

(3)

Write short notes on the following :

(a) Debugging of program

(b) Flow chart
